

**CONFIDENTIAL**DPD 3972-61  
COPY 1 OF 2DOCUMENT NO. \_\_\_\_\_  
REFERENCE IN CLASS. X  
FILE CLASSIFIED \_\_\_\_\_  
CLASS. CONTINUED TO 2011 C  
DECLASSIFIED BY \_\_\_\_\_  
DATE 9/11/91 REVIEWED BY CS7189June 16, 1961  
JF-P-220

Jim:

Subject: Contract HF-32-27 GFE and Termination Inventory

This letter supercedes our letters JF-P-166 of February 10, 1961, JF-P-178 of February 24, 1961, and JF-P-208 of April 27, 1961 on the above subject. Attached are the final inventory schedules in reproducible form with two copies which are based on the physical inventory of the items actually shipped to Bill Denard on June 8. The only item which has not yet been shipped is Item 48 on Schedule 1 which must go separately under armed guard surveillance. We expect to ship this item prior to the end of June and will advise you when the system is shipped.

The schedules are made up to show the location of each item in the shipment according to the invoice number, which is also the box number. For example, Item 1 on Schedule 1 is located in Box A-2 and is Item No. 48 on Invoice No. A-2. Copies of these invoices (Packing Tickets) are enclosed for your use.

The result of this inventory shows a shortage as follows:

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Value</u>
3	LAK-9 P/N 157-1116	1	\$ 25.00
27	"H" Mirror P/N 155-0008	1	500.00
28	"I" Mirror P/N 155-0009	1	500.00
34	Elbow Mirror P/N 155-1012	1	200.00
40	Field Barrel Group 157-1123	1	50.00
59	Blanks for Scanning Mirror	4	<u>1,600.00</u>
Total			\$2,875.00

The values given above were estimated, based on identical parts here. In our opinion, Items 3, 27, and 28 were probably broken during processing and scrapped. We believe Items 34 and 40 were modified during the course of the work on the contract and scrapped. The scanning blanks we are unable to locate; however, we believe a possibility exists that there was confusion when the original GFE inventory was taken and that these blanks were perhaps counted twice, once as scanning blanks and once as G & H window blanks. We certify that they have not been charged to the Government through other contracts and that if we are able to locate them we will so notify you.

**CONFIDENTIAL**

Contract HF-32-27

- 2 -

June 16, 1961

A complete list of the items which have been or are to be transferred from this contract to other contracts presently active is set forth below:

SCHEDULE I

<u>Item Nbr.</u>	<u>Description</u>	<u>Contract RE-518</u>	<u>Contract SC-56-42</u>
27	"H" Mirror P/N 155-0008	4	
28	"I" Mirror P/N 155-0009	4	
30	Primary Mirror P/N 155-0014	2	1
34	Elbow Mirror P/N 155-1012	2	1
39	Power Cart P/N HG 735420	1	
46	Collimator 300" P/N 162-0018	2	
47	Shipping Container for Collimator, P/N 735550	2	
49	Stabilizer Servo P/N 73C-733870	1	
50	Gyro Assembly P/N 73C-733895	1	
51	Power Supply P/N 73C-733885	1	
52	Torque Drive - Pitch P/N 733876-1	2	
53	Printed Circuit Test Set P/N 735385	1	
54	Electrical Test Set S/N 0017		1
61	Torque Drive - Roll and Yaw	4	
62	G & H Blanks BSC-2, P/N 111-0966 & 111-0967	5	
63	Light Weight Iron Test Stand, P/N HG-735375	2	

SCHEDULE II

<u>Item Nbr.</u>	<u>Description</u>	<u>Contract RE-518</u>	<u>Contract SC-56-42</u>
3	Brunson Alignment Scope	1	
4	National Density Wedges	2	
5	Time All (Electric)	1	
6	Neutral Density Filters	1	
7	Weston Thermometer	1	
8	Jaquet Speed Indicator	1	
9	Pocket Comparator	1	
10	Gelatin Filters	1	
11	Fixture for Brunson Alignment Scope	1	
12	Small Hand Tools - Wrenches, Pliers, etc.	1	
13	Collimator Wheel w/Resolution Targets	1	
14	Shackles	4	
15	Heaters - 1000 Watt	2	
16	Tool Box - "Craftsman"	1	
17	Carry All Cart - "Craftsman"	1	
18	Amplifier - 100 W	1	
19	Variac - 110 V - 10 AMPS	1	
20	Gaertner Microscope with Illumination	1	
21	Three leg leveling table	1	
22	Safe: Victor Class C-1 Grey w/Shelves	1	

DPD 3472-61  
R000100060029-9  
COPY 1 OF 2

Contract HF-32-27

- 3 -

June 16, 1961

<u>Item Nbr.</u>	<u>Description</u>	<u>Contract RE-518</u>	<u>Contract SC-56-42</u>
23	W-3 Neromade Gear	2 *	
24	Wide Range Oscillator	1 *	
25	Vacuum Tube Voltmeter	1 *	
26	Oscilloscope	1 *	
27	Photoelectric Transducer	1 *	
28	L & N - Microphotometer	1	
29	Battery - Truckle Charger	1 *	
30	Battery - 12 Volt	1 *	
32	Test Flat	1	
33	Test Sphere	1	
34	Welded Frame	1	
60	Mount	2	
71	Film Spools with Hubs	2	
72	Magnetic Amp Boards	2	
74	Power Supply	1	
76	Film Drive Servo	1	
78	Oblique Drive Assy.	1	
81	Thermoswitch	1	
82	Flexure Assy.	2	
83	Proportional Amplifier	1	
84	Proportional Amplifier	1	
91	Microlite Kits		2
96	Collimator Head System	2	
97	Film Rewind Stands	2 *	
98	Light Table	1 *	
99	High Contrast Pattern	1	
100	Low Contrast Pattern	1	

\* = Transfer to RE-518 from SC-56-42 (originally transferred to SC-56-42 from Contract HF-32-27).

STATOTHR

  
Charlie

CMH:jaf

Enclosures

Project Dragon Lady  
Warner Robins Air Materiel Area  
Robins Air Force Base, Georgia

Mark For: Warehouse 17  
Storeroom "B"

DATE OF SHIPMENT

June 8, 1961

NUMBER OF CONTAINERS

1 Box No. 18

Item No.	Part Number	Quantity	Serial No.
1	157-1121 - Projection Barrel Group (complete)	2	
2	157-1121 - Projection Barrel Group (incomplete)	2	
3	157-1112 - Glass FK 6	2	
4	157-1110 - Glass CAF 2	1	
5	157-1109 - Glass FK 6	1	
6	157-1111 - Glass FK 6	2	
7	157-1107 - Glass LAK 9	1	
8	157-1108 - Glass SF 8	1	
9	157-1114 - Glass FK 6	2	
10	157-1115 - Glass SF 8	2	
11	157-1116 - Glass LAK 9	2	
12	157-1104 - Glass SF 8	1	
13	157-1113 - Glass CAF 2	1	
14	157-1106 - Glass LAK 9	1	
15	157-1101 - Glass LAK 9	1	
16	157-1103 - Glass SF 8	1	
17	155-0007 - G <sup>v</sup> Mirrors	4	
18	157-1123 - Field Barrel Assembly (complete)	2	
19	157-1123 - Castings	2	
20	5146-3 - Power Supply	1	
21	733-649 - Printed Circuit Board	1	
22	155-1003 - Tangent Arm	14	
23	155-1006	21	
24	155-1012 - Small Diagonal Assembly	36	
25	155-1058	8	
26	155-1021 - Tab "H" Mirror	8	
27	155-1037 - Stud "G" Mirror	75	
28	734431 - Flexure Assembly Upper Lens Barrel	1	
29	- Rubber Stamps	2	
30	- LAK 9 3.10 x .9 Glass Blanks	8	
31	- LAF 2 3.36 x 1.5 Glass Blanks	8	
32	- CAF 2 3.6 x 1.45 Glass Blanks	7	
33	- LAK 9 3.6 x .92 Glass Blanks	8	
34	8814 - LAK 9 Glass Blanks	8	
35	8837 - LAK 9 Glass Blanks	1	
36	157-1115 - SF 8 Glass Blanks	1	
37	157-1103 - SF 8 Glass Blanks	1	
38	157-1108 - SF 8 Glass Blanks	2	
39	157-1102 - LAK 9 Glass Blanks	1	
40	5146-4 -	1	

PACKING TICKET  
Approved For Release 2002/08/07 : CIA-RDP81B00878R000100060029-9  
TO:

Invoice No. A 1  
SPO No. 71280

Project Dragon Lady  
Warner Robins Air Materiel Area  
Robins Air Force Base, Georgia

Page 2 of 2

Mark For: Warehouse 17  
Storeroom "B"

DATE OF SHIPMENT

June 8, 1961

NUMBER OF CONTAINERS

1 Box No. 18

Item No.	Part Number	Quantity	Serial No.
41	157-1105 - LAK 9 Glass Blanks	3	
42	8820 - LAK 9 Glass Blanks	1	
43	152-0005 - Memory Units	6	
44	- Miscellaneous Hardware	1 Box	
45	- Ultrasonic Transducer	1	
46	- Miscellaneous Shutter Parts	1 Box	
47	- Cables	2 Sets	
48	- Quartz Blanks - 20" x 3" Scanner	1	
49	- Quartz Blanks - 20" x 2.5" Scanner	1	
50	- Glass Blanks - 16" x 3" Primary	1	
51	- LAK 9 3.5 x 4.0 Glass Blanks	8	
52	- LAK 9 3.5 x .45 Glass Blanks	6	
53	- Preflight Test Stand	1	

PACKING TICKET

TO:

Office No. A-2

SPO No. 71280

Project Dragon Lady  
Warner Robins Air Materiel Area  
Robins Air Force Base, Georgia

Mark for: Warehouse 17  
Stockroom "B"

page 1 of 3

DATE OF SHIPMENT

June 8, 1961

NUMBER OF CONTAINERS

1 Box No. 19

Item No.	Part Number	Quantity	Serial No.
1.	155-1010 Scanning Flat	1	
2.	155-1061 Scanning Flat	2	
3.	157-1121 Projection Barrel Group - incomplete	1	
4.	155-1011 Scanning Flat	1	
5.	155-1043 Primary Mirror	2	
6.	155-1013 "G" Mirror	1	
7.	155-1001 Scanning Flat	1	
8.	155-1010 Scanning Flat	1	
9.	157-1119 Lower Projection Cell No. 3	3	
10.	157-1122 Elbow Mirror Housing	<del>7</del> 7	
11.	157-1134 Center Ring Proj. Lens #2	9	
12.	157-1135 Center Ring Proj. Lens #3	7	
13.	157-1118 Lens Housing	5	
14.	155-1031 Mount "G" Mirror	5	
15.	157-1133 Retainer Field Lens #6	1	
16.	157-1139 Retainer Field Lens #3	1	
17.	157-1140 Retainer Field Lens #4	1	
18.	157-1132 Spacer Field Lens #5	1	
19.	157-1138	1	
20.	157-1130 Retainer Field Lens #1	1	

PACKING TICKET

TO:

SPO No. 71280

Project Dragon Lady  
Warner Robins Air Materiel Area  
Robins Air Force Base, Georgia

Mark for: Warehouse 17  
Stockroom "B"

page 2 of 3

DATE OF SHIPMENT

June 8, 1961

NUMBER OF CONTAINERS

1 Box No. 19

Item No.	Part Number	Quantity	Serial No.
21.	157-1165 Stop-Projection Lens	2	
22.	157-1169 Cover Diagonal Mirror	2	
23.	157-1120	5	
24.	157-1036	6	
25.	157-1023	8	
26.	157-1042	4	
27.	157-1117 Upper Inner Proj. Cell #1	4	
28.	155-1046 Hub Primary Mount	3	
29.	155-1045 Primary Mount - leg end	9	
30.	155-1051 Primary Mount - leg end (short)	3	
31.	155-1041	1	
32.	155-1038 Bracket "G" Mirror	5	
33.	155-1039 Bracket "G" Mirror	5	
34.	155-1035 Lower plate scanning flat mount	3	
35.	Welded Hollow Support Ring	1	
36.	Film cans w/hubs	3	
37.	157-1122 Casting	1	
38.	155-1033C	1	
39.	5146-4 Test Fixture	1	
40.	Template	1	

Project Dragon Lady  
Warner Robins Air Materiel Area  
Robins Air Force Base, Georgia

Mark for: Warehouse 17  
Stockroom "B"

page 3 of 3

DATE OF SHIPMENT

June 8, 1961

NUMBER OF CONTAINERS

1 Box No. 19

Item No.	Part Number	Quantity	Serial No.
41.	Wood-metal edge test fixtures w/handle	3	
42.	Blanket heaters, various sizes	18	
43.	Trim weight containers	4	
44.	Vibration pick-up box	1	
45.	Microscope Holder Fixture	1	
46.	Pre-flight test stand	1	
47.	LAK 9-3.50 x .45 Glass Blanks	2	
48.	Quartz 6" x .75 Glass Blanks	7	
49.	Invar Rods	3	
50.	Set Invar Rod Covers	1	
51.	155-1060 Scanning Flat	1	
52.	155-1011 Primary	1	



TO:

SPO No. 71280

Project Dragon Lady  
Warner Robins Air Material Area  
Robins Air Force Base, Georgia

Mark for: Warehouse 17  
Stockroom "B"

## DATE OF SHIPMENT

June 8, 1961

## NUMBER OF CONTAINERS

1 - Box #11

Item No.	Part Number	Quantity	Serial No.
1.	Test Set Adapter Assy. S/N 4	1 ✓	
2.	Oblique Servo 733670 S/N 58H008	1 ✓	
3.	Lg. film can w/spool	1 ✓	
4.	Test set IMC & Stabilization Part #735559	1 ✓	
5.	733095 inc. 733210 shutter	1 ✓	
6.	Cable assy.	1 ✓	
7.	157-0120 Filter Assembly	18	
8.	Film clip cans	2 <del>2x</del> ✓	
9.	Scanning flat covers	5 ✓	

PACKING TICKET

TO:

No. A-4

SPO No. 71280

Project Dragon Lady  
Warner Robins Air Materiel Area  
Robins Air Force Base, Georgia

Mark for: Warehouse 17  
Stockroom "B"

DATE OF SHIPMENT

June 8, 1961

NUMBER OF CONTAINERS

1 Box No. 24

Item No.	Part Number	Quantity	Serial No.
1.	Primary Mirror Blanks	6	

PACKING TICKET

TO:

Invoice No. A-5

SPO No. 71280

Project Dragon Lady  
Warner Robins Air Materiel Area  
Robins Air Force Base, Georgia

Mark for: Warehouse 17  
Stockroom "B"

DATE OF SHIPMENT

June 8, 1961

NUMBER OF CONTAINERS

1 Box No. 20

Item No.	Part Number	Quantity	Serial No.
1.	Configuration "C" - less stab servo.gyro assy., & power supply	1	

SCHEDULE II - TERMINATION INVENTORY CONTRACT HF-32-27  
OTHER RESIDUAL INVENTORY

Page 1 of 3.

Description	Location		Quantity	Part Number	Purchased and Other Residual	Residual Inventory		Divisions	
	Item No.	Inv. No.				Quantity	Comments	Quantity	Comments
1. Rubber Stamps	29	A-1	2		2	2			
2. Fixture (5146-4)	39	A-2	1		2	2			
	40	A-1	1						
3. Brunson Alignment Scope					1			1	Transfer to RE-518
4. National Density Wedges					2			2	" " "
5. Time All (Electric)					1			1	" " "
6. Neutral Density Filters					1			1	" " "
7. Weston Thermometer					1			1	" " "
8. Jaquet Speed Indicator					1			1	" " "
9. Pascher Comparator					1			1	" " "
10. Gelatin Filters					1			1	" " "
11. Fixture for Brunson Alignment Scope					1			1	" " "
12. Small Hand Tools-Wrenches, Pliers, etc.					1			1	" " "
13. Collimator Wheel w/ Resolution Targets					1			1	" " "
14. Shackles					4			4	" " "
15. Heaters - 1000 Watt					2			2	" " "
16. Tool Box - "Craftsman"					1			1	" " "
17. Carry All Cart - "Craftsman"					1			1	" " "
18. Amplifier - 100 W					1			1	" " "
19. Variac - 110 V - 10 AMPS					1			1	" " "
20. "Gaertner" Microscope with Illumination					1			1	" " "
21. Three (3) Leg Leveling Table					1			1	" " "
Safe: Victor Glass G-1 Gray with Shelves					1			1	Transferred to RE-518 (Contract Doc)
23. M-3 Meromade Gear					2			2	Transfer to RE-518 from SC-56-42 (RFD2393-59)
24. Wide Range Oscillator					1			1	" " " "
25. Vacuum Tube Voltmeter					1			1	" " " "
26. Oscilloscope					1			1	" " " "
27. Photoelectric Transducer					1			1	" " " "
28. L and W - Microphotometer					1			1	Transferred to RE-518 (Contract Document)
29. Battery - Truckle Charger					1			1	Transfer to RE-518 from SC-56-42 (RFD2393-59)
30. Battery - 12 Volt					1			1	" " " "
31. Light Mount from West Point					1			1	Transfer to RE-518
32. Test Flat				157-1197				1	" " " "
33. Test Sphere				157-1196				1	" " " "
34. Welded Frame				5146-1				1	" " " "
35. Invar Rods	49	A-2	3			3			

Description	Location		Quantity	Part Number	Purchased and Other Residual	Residual Inventory		Divisions	
	Item No.	Inv. No.				Quantity	Comments	Quantity	Comments
36. Invar Rod Covers	50	A-2	1			1 set			
37. Lower Projection Cell #3	9	A-2	3	157-1119		3			
38. Elbow Mirror Housings	10	A-2	7	157-1122		7			
39. Center Ring Proj. Lens #2	11	A-2	9	157-1134		9			
40. Center Ring Proj. Lens #3	12	A-2	7	157-1135		7			
41. Lens Housing	13	A-2	5	157-1118		5			
42. Mount "G" Mirror	14	A-2	5	155-1031		5			
43. Retainer Field Lens #6	15	A-2	1	157-1133		1			
44. Retainer Proj. Lens Cell #3	16	A-2	1	157-1139		1			
45. Retainer Proj. Lens Cell #4	17	A-2	1	157-1140		1			
46. Spacer Field Lens #5	18	A-2	1	157-1132		1			
47. Retainer Proj. Lens Cell #2	19	A-2	1	157-1138		1			
48. Retainer Proj. Lens Cell #1	20	A-2	1	157-1130		1			
49. Stop-Projection Lens	21	A-2	2	157-1165		2			
50. Cover - Diagonal Mirror	22	A-2	2	157-1169		2			
51. Lower Inner Proj. Cell #4	23	A-2	5	157-1120		5			
52. Stud "G" Mirror	24	A-2	6	155-1036		6			
53. Tab "T" Mirror	25	A-2	8	155-1023		8			
54. Mount "G" Mirror	26	A-2	4	155-1042		4			
55. Upper-Inner Proj. Cell #1	27	A-2	4	157-1117		4			
56. Hub - Primary Mount	28	A-2	3	155-1046		3			
57. Primary Mount - Leg End	29	A-2	9	155-1045		9			
58. Primary Mount - Short End	30	A-2	3	155-1051		3			
59. Bushing	31	A-2	1	155-1041		1			
60. Mount				157-0119				2	Transfer to RR-518
61. Bracket "G" Mirror	32	A-2	5	155-1038		5			
62. Bracket "G" Mirror	33	A-2	5	155-1039		5			
63. Lower Plate Scanning Flat	34	A-2	3	155-1035		3 sets			
64. Waldead Hollow Support Ring	35	A-2	1	---		1			
65. Filter Assy.	7	A-3	1	157-0120		18			
66. Tangent Arm	22	A-1	14	155-1003		14			
67. Small Diagonal Assy.	24	A-1	38	155-1012		36			
68. Stud "G" Mirror	27	A-1	75	155-1037		73			
69. Tab "H" Mirror	26	A-1	8	155-1021		8			
70. Film Cans with Hubs	36	A-2	3	---		4			
71. Film Spools with Hubs	3	A-3	1	733-490				2	Transfer to RR-518
72. Magnetic Amp Boards				733-849				2	Transfer to RR-518
73. Flexure Assy. - Upper Lens	28	A-1	1	734-431		1			

**SCHEDULE II - TERMINATION INVENTORY CONTRACT WF-32-27**  
**OTHER RESIDUAL INVENTORY**

Page 3 of 3.

Description	Location		Quantity	Part Number	Purchased and Other Residual	Residual Inventory		Divisions	
	Item No.	Inv. No.				Quantity	Comments	Quantity	Comments
74. Power Supply				733-885				1	Transfer to RE-518
75. Oblique Servo	2	A-3	1	733-870		1			
76. Film Drive Servo				733-840				1	Transfer to RE-518
77. Shutter	5	A-3	1	733-210		1			
78. Oblique Drive Assy.				733-671				1	Transfer to RE-518
79. Film Clip Cans	8	A-3	2			2			
80. Printed Circuit Boards	21	A-1	1	733-649		1			
81. Thermoswitch								1	Transfer to RE-518
82. Flexure Assy.								2	" " "
83. Proportional Amplifier				PA 58-1				1	" " "
84. Proportional Amplifier				PA 36-1				1	" " "
85. Miscellaneous Shutter Parts	46	A-1	1			1 bx			
86. Trim Weight Containers	43	A-2	4			4			
87. Vibration Pick Up Box	44	A-2	1			1			
88. Scanning Flat Covers	9	A-3	5	155-1052		5			
89. 2 pc. Fixture Microscope Holder	45	A-2	1			1			
90. Power Supply	20	A-1	1	3146-3		1			
91. Microelite Kits								2	Transfer to SC-56-42
92. Book "Formula Stress and Strain"								1	Will Credit Claim
93. Book "Introduction Photo Principles"								1	" " "
94. Book "Handbook Engineering Principles"								1	" " "
95. Misc. Hardware	44	A-1	1			1 bx			
96. Collimator Head System								2	Transfer to RE-518
97. Film Rewind Stands								2	Transfer to RE-518 from SC-56-42 (1002195-59)
98. Light Table								1	" " "
99. High Contrast Pattern								1	Transfer to RE-518
100. Low Contrast Pattern								3	" " "
101.	37	A-2	1	157-1122		1 (Incomplete)			
102.	38	A-2	1	155-1033		1 (Incomplete)			
103. Test Fixtures (wood) w/handles	41	A-2	2			2			
104. Blanket Masters (various sizes)	42	A-2	18			18			
105. Template	40	A-2	1			1			
106. Ultrasonic Transducer	45	A-1	1			1			
107. Cables	67	A-1	2			2 sets			
108. Cable	6	A-3	1			1			
109.	23	A-1	21	155-1006		21			
110.	25	A-1	8	155-1038		8			

**CONFIDENTIAL**

2722-41

[initials] 2

April 27, 1961  
JF-P-208

Jim:

Subject: Contract HF-32-27

The following is a listing of the items which are short on the inventories submitted to you on February 10 and 24 (our letters JF-P-166 and JF-P-178):

<u>Item</u>	<u>Quantity</u>	<u>Value</u>
H Mirror 155-0008	1	\$ 500
I Mirror 155-0009	1	500
Primary Mirror 155-0014 & 155-0005	1	200
Elbow Mirror 155-1012	1	200
Field Barrel Group 157-1123	1	50
		<u>\$1,450</u>

The values given above are estimated based on an examination of identical parts here. In our opinion, the fourth and fifth items were modified during the course of the work on the contract and are probably scrapped. The other items we are unable to locate, however, we do certify that they have not been charged to the Government through other contracts and that if we are able to locate them we will so notify you.



We hope the above information will enable us to bring the contract closeout to a speedy conclusion.

CMH:jaf

*Charlie*  
 Charlie

DOCUMENT NO. \_\_\_\_\_  
 NO CHANGE IN CLASS. ☒  
 IS DECLASSIFIED  
 CLASS. CHANGED TO: TS, S, C  
 NEXT REVIEW DATE: 2011  
 AUTH: HR 76-2  
 DATE: 9/4/81 REVIEWED: 03/169

**CONFIDENTIAL**